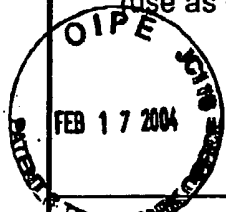


PTO/SB/08A				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	10/706,595
				Filing Date	November 12, 2003
				Confirmation Number	Unknown
				First Named Inventor	South et al.
				Group Art Unit	Unknown 1621
				Examiner Name	Unknown S. Kumar
Sheet	1	of	6	Attorney Docket No.	PHA 4163.5 (3455/1)



U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
8/c	1	4,489,096	B1	Terao et al.	12-18-1984
	2	4,851,413	B1	Terao et al.	07-25-1989
	3	4,992,469	B1	Ozawa et al.	02-12-1991
	4	5,008,267	B1	Katakami, et al.	04-16-1991
	5	5,304,658	B1	Terao et al.	04-19-1994
	6	5,441,960	B1	Bernstein et al.	08-15-1995
	7	5,656,645	B1	Tamura et al.	08-12-1997
	8	5,658,930	B1	Tamura et al.	08-19-1997
	9	5,668,289	B1	Sanderson et al.	09-16-1997
	10	<del>5,718,749</del> 5741819	B1	Illig et al.	04-12-1998
	11	5,792,779	B1	Sanderson et al.	08-11-1998
	12	5,861,380	B1	Gyorkos et al.	01-19-1999
	13	5,866,573	B1	Sanderson et al.	02-02-1999
	14	5,869,487	B1	Coburn et al.	02-09-1999
	15	5,872,138	B1	Naylor-Olsen et al.	02-16-1999
Examiner Signature	S. Kumar		Date Considered	9/23/04	

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				Group Art Unit	<del>Unknown</del> 1621
				Examiner Name	<del>Unknown</del> S. Kumar
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8e	16	6,011,158	B1	Tamura et al.	01-04-2000
	17	6,037,356	B1	Lu et al.	03-14-2000
20	18	6,180,627	B1	Blagg et al.	01-30-2001

### FOREIGN PATENT DOCUMENTS

Examiner Initials*		Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)			
8e	19	DE	198 51 421	A1	Boehringer Ingelheim Pharma KG	05-11-2000	
	20	EP	354 495	A1	Godecke Aktiengesellschaft	02-14-1990	
	21	EP	528 633	B1	Zeneca Limited	02-24-1993	
	22	EP	826 671	A1	The Green Cross Corporation	03-04-1998	
	23	EP	936 216	A1	Nippon Kayaku Kabushiki Kaisha	08-18-1999	
	24	EP	940 400	A1	Yoshitomi Pharmaceutical Industries, Ltd.	09-08-1999	
	25	EP	997 474	A1	Pfizer Inc	05-03-2000	
	26	WO	93/21214	A1	Zeneca Limited	10-28-1993	
	27	WO	96/18644	A1	Corvas International Inc.	06-20-1996	
28	28	WO	96/33974	A1	The Green Cross Corporation (abstract)	10-31-1996	

Examiner Signature	S. Kumar	Date Considered	9/23/04
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				Examiner Name	<del>Unknown</del> S. Kumar
Sheet	3	of	6	Attorney Docket No.	PHA 4163.5 (3455/1)

29	WO	96/39380	A1	3-Dimensional Pharmaceuticals, Inc.	12-12-1996
30	WO	96/40100	A1	3-Dimensional Pharmaceuticals, Inc.	12-19-1996
31	WO	97/01338	A1	Merck & Co., Inc.	01-16-1997
32	WO	97/30708	A1	Merck & Co., Inc.	08-28-1997
33	WO	97/40024	A1	Merck & Co., Inc.	10-30-1997
34	WO	97/46207	A2	Corvas International Inc.	12-11-1997
35	WO	98/08840	A1	Merck & Co., Inc.	03-05-1998
36	WO	98/09949	A1	Nippon Kayaku Kabushiki Kaisha (abstract)	03-12-1998
37	WO	98/09987	A1	Biochem Pharma, Inc.	03-12-1998
38	WO	98/10763	A1	Merck & Co., Inc.	03-19-1998
39	WO	98/16525	A1	Cor Therapeutics, Inc.	04-23-1998
40	WO	98/16547	A1	Cor Therapeutics, Inc.	04-23-1998
41	WO	97/17274	A1	Merck & Co., Inc.	04-30-1998
42	WO	98/31670	A1	Merck & Co., Inc.	07-23-1998
43	WO	98/42342	A1	Merck & Co., Inc.	10-01-1998
44	WO	98/47876	A1	Akzo Nobel N.V.	10-29-1998
45	WO	98/50420	A1	Akzo Nobel N.V.	11-12-1998
46	WO	99/00121	A1	Eli Lilly and Company	01-07-1999

Examiner Signature	S. Kumar	Date Considered	9/23/04
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				First Named Inventor	South et al.
				Group Art Unit	Unknown 1621
				Examiner Name	Unknown S. Kumer
Sheet	4	of	6	Attorney Docket No.	PHA 4163.5 (3455/1)

54	47	WO	99/00126	A1	Eli Lilly and Company	01-07-1999	
	48	WO	99/00128	A1	Eli Lilly and Company	01-07-1999	
	49	WO	99/11267	A1	Merck & Co., Inc.	03-11-1999	
	50	WO	99/26920	A1	Corvas Interantional, Inc.	06-03-1999	
	51	WO	99/26926	A1	3-Dimensional Pharmaceuticals, Inc.	06-03-1999	
	52	WO	99/36426	A1	Warner-Lambert Company	07-22-1999	
	53	WO	99/43660	A1	Neurogen Corporation	09-02-1999	
	54	WO	99/48892	A1	Merck & Sharp & Dohme Limited	09-30-1999	
	55	WO	99/59591	A1	Merck & Co., Inc.	11-25-1999	
	56	WO	99/61442	A1	Merck & Co., Inc.	12-02-1999	
	57	WO	99/62538	A1	Cortech Inc.	12-09-1999	
	58	WO	99/64446	A1	3-Dimensional Pharmaceuticals, Inc.	12-16-1999	
	59	WO	00/18762	A1	Merck & Co., Inc.	04-06-2000	
	60	WO	00/26210	A1	Merck & Co., Inc.	05-11-2000	
	61	WO	00/26211	A1	Merck & Co., Inc.	05-11-2000	
	62	WO	00/32574	A1	Sanofi-Synthelabo (abstract)	06-08-2000	
	63	WO	00/39102	A1	Du Pont Pharmaceuticals Company	07-06-2000	
4	64	WO	00/69826	A1	Monsanto Company	11-23-2000	

Examiner Signature	S. Kumer	Date Considered	9/23/04
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				Group Art Unit	Unknown 1621
				Examiner Name	Unknown S. Kumar
Sheet	5	of	6	Attorney Docket No.	PHA 4163.5 (3455/1)

65	WO	00/69832	A1	Monsanto Company	11-23-2000
66	WO	00/69833	A1	Monsanto Company	11-23-2000

### OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>a</sup>
gle	67	COBURN, C.A., "Small-molecule direct thrombin inhibitors 1997-2000." Expert Opinions on Therapeutic Patents, 2001, 721-738, Vol. 11, No. 5.	
	68	HANDIN, R., "Bleeding and Thrombosis." Harrison's Principles of Internal Medicine, 12th Edition, 1991, pp. 348-353, McGraw-Hill, Inc., New York.	
	69	KOHAMA et al. Chemical Abstracts, vol. 124, no. 9, 1996, Abstract No. 117979w, "Preparation of piperidinylxyacetylaminobenzoylalanine derivatives and analogs as antithrombotics." p 1337, XP002172033.	
	70	LJUNGBERG, K.B. et al., Computational Modelling of Inhibitor Binding to Human Thrombin, European Journal of Pharmaceutical Sciences, (2001), pp. 441-446, Vol. 12.	
	71	MAJERUS et al. "Anticoagulant, Thrombolytic, and Antiplatelet Drugs." Goodman & Gilman's The Pharmacological Basis of Therapeutics, Ninth Edition, 1996, pp. 1341-1359, McGraw-Hill, New York.	
	72	PATEL et al., "Directed Aminomethylation of 3-Hydroxy-3(1H)-pyridinones and 3-hydroxy-4(1H)-pyridinones: Synthesis of iso-Deferiprone." Tetrahedron, 1996, pp. 1835-1840, Vol. 52, No. 5.	
	73	RAUCH, et al., Thrombus Formation on Atherosclerotic Plaques: Pathogenesis and Clinical Consequences, Annals of Internal Medicine, 2001, pp. 224-233, Vol. 134 - No. 3.	
le	74	SANDERSON et al., "L-373,890, An Achiral, Noncovalent, Subnanomolar Thrombin Inhibitor." Bioorganic & Medicinal Chemistry Letters, Vol. 7, No. 12, pp. 1497-1500, 1997.	

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				Confirmation Number	Unknown
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				Group Art Unit	Unknown 162
				Examiner Name	Unknown S. Kumar
Sheet	6	of	6	Attorney Docket No.	PHA 4163.5 (3455/1)

80	75	TULINSKY et al., "Novel Asymmetric Synthesis of Atropisomeric 6-Aryl Pyrazinones via an Unusual Chirality Transfer Process." J. Org. Chem., 1999, pp. 93-100, Vol. 64, No. 1.	
	76	VAN AKEN, et al., Anticoagulation: The Present and Future, Clin. Appl. Thrombosis/Hemostasis, 2001, pp. 195-204, Vol. 7 - No. 3.	
	77	XP-002187583 - MOERNER, Hoppe-Seyler's Z. Physiol. Chem., 69, 1910; 357.	
	78	XP-002182132 - DARVAS, et al., "Investigation of the Common Mechanism of Action of Antibacterial Compounds Containing .gamma.-pyridone-.beta.-carboxylic acid Structure by Principal Component." Arzneim.-Forsch., 1979, pp. 1334-1339, Vol. 29, 9.	
81	79	XP-002182410 - TRE COURT et al., "First Synthesis of (+)-harzianopyridone by Metalation of Polysubstituted O-pyridylcarbamates." J. Heterocycl. Chem., 1995, pp. 1117-1114, Vol. 32, No. 4.	

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